

Rabbit C3AR / C3a Receptor Polyclonal Antibody | anti-C3AR1 antibody

Rabbit Polyclonal to Human C3AR / C3a Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52082	Rabbit	Gibbon, Gorilla, Human, Orangutan Predicted Reactivity: Monkey, Mouse, Hamster, Horse (at least 90% immunogen sequence identity)	Immunohistochemistry

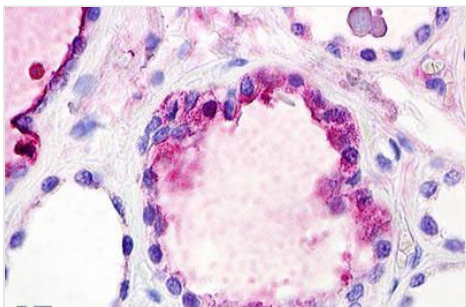
PRODUCT SYNONYMS

C3AR / C3a Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human C3AR / C3a Receptor; Anti-C3AR / C3a Receptor Antibody (C-Terminus) IHC-plus; C3AR1; AZ3B; C3AR; C3R1; C3a receptor; C3a-R; HNFAG09; Anaphylatoxin c3a receptor; C3a anaphylatoxin receptor; Human C3AR; C3a Receptor; anti-C3AR1 antibody

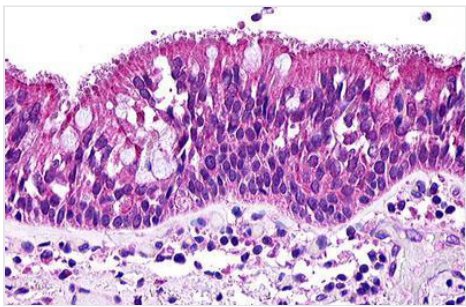
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Gibbon, Gorilla, Human, Orangutan Predicted Reactivity: Monkey, Mouse, Hamster, Horse (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human C3a Receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	0.31 mg/ml (varies by lot)
Sequence Length	482
Applicable Applications for anti-C3AR1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 19 amino acid peptide from C-terminus of human C3a Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Marmoset (100%); Monkey, Mouse, Hamster, Elephant, Horse (95%); Rat, Bat (89%).
Immunogen Type	Synthetic peptide
Immunogen	C3AR / C3a Receptor antibody was raised against synthetic 19 amino acid peptide from C-terminus of human C3a Receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Marmoset (100%); Monkey, Mouse, Hamster, Elephant, Horse (95%); Rat, Bat (89%); Bovine, Rabbit (84%).
Antigen Modification	C-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-C3AR / C3a Receptor antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1.25 ug/ml.



IHC (Immunohistochemistry)
Anti-C3AR / C3a Receptor antibody IHC of human lung, respiratory epithelium. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1.25 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-C3AR1 antibody	The C3a Anaphylatoxin Receptor mediates the effects of the inflammatory mediator anaphylatoxin C3a, which is released during complement activation. This receptor stimulates chemotaxis, granule enzyme release, and superoxide anion production. It also regulates glial cell activation, may be involved in the pathogenesis of asthma, and may promote cell repair.
Product Categories/Family for anti-C3AR1 antibody	Family: GPCR; Subfamily: Anaphylatoxin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757888
NCBI GeneID	719
NCBI Accession #	NP_004045.1
NCBI GenBank Nucleotide #	NM_004054.2
UniProt Accession #	Q16581; O43771; Q92868
Molecular Weight	53,864 Da
NCBI Official Full Name	C3a anaphylatoxin chemotactic receptor
NCBI Official Synonym Full Names	complement component 3a receptor 1
NCBI Official Symbol	C3AR1
NCBI Official Synonym Symbols	AZ3B; C3AR; HNFAG09
NCBI Protein Information	C3a anaphylatoxin chemotactic receptor; C3a-R; complement component 3 receptor 1
UniProt Protein Name	C3a anaphylatoxin chemotactic receptor
UniProt Gene Name	C3AR1
UniProt Synonym Gene Names	AZ3B; C3R1; HNFAG09; C3AR; C3a-R
UniProt Entry Name	C3AR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.